

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
30 June 2005 (30.06.2005)

PCT

(10) International Publication Number  
**WO 2005/058919 A1**

- (51) International Patent Classification<sup>7</sup>: **C07F 7/08**
- (21) International Application Number:  
PCT/EP2004/052608
- (22) International Filing Date: 21 October 2004 (21.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
103 61 893.7 19 December 2003 (19.12.2003) DE
- (71) Applicant (for all designated States except US): **DE-GUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **JUST, Eckhard** [DE/DE]; Dürerstrasse 57, 79618 Rheinfelden (DE). **GISSLER, Sabine** [DE/DE]; Brüggleäckerweg 2 a, 79618 Rheinfelden (DE). **JENKNER, Peter** [AT/DE]; Ritterstrasse 16 a, 79618 Rheinfelden (DE).
- (74) Common Representative: **DEGUSSA AG**; Intellectual Property Management, Patente + Marken, Bau 1042 - PB 15, 45764 Marl (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:**  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SPECIFIC PROCESS FOR PREPARING SILICON COMPOUNDS BEARING FLUOROALKYL GROUPS BY HYDROSILYLATION

(57) Abstract: The present invention relates to a process for preparing silicon compounds bearing fluoroalkyl groups by hydrosilylation of a fluoroolefin in the presence of a hydrosilylation catalyst, which comprises initially charging and heating a hydrogenchlorosilane, then metering in the fluoroolefin and reacting the reaction mixture and subsequently isolating the hydrosilylation product.

WO 2005/058919 A1